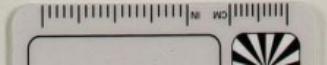


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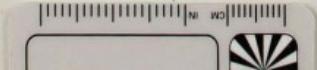
ANNUAL REPORT
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INSTITUTE
AND MUSEUM
1950-51



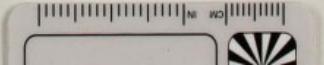
For presentation at the Annual
General Meeting to be held on
30th May, 1951.



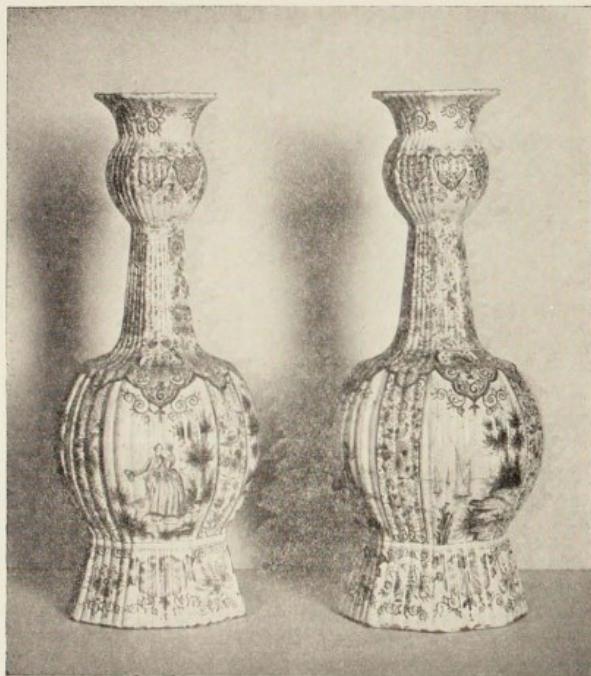
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Pair of Blue and White Delft Vases
made by Pieter Verburg of the Fac-
tory De Vergulde Blompot (the
Golden Flower Pot) during the second
half of the Seventeenth Century.

Height, 24 inches.

Presented by Mr. William Goodfellow
and Mr. V. J. Larner.

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1950 to 1951

ANNUAL REPORT
OF THE
AUCKLAND INSTITUTE
AND MUSEUM

For 1950-51

For presentation at the Annual General
Meeting to be held on 30th May, 1951.



AUCKLAND
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Staff of the Museum.

| | |
|-----------------------------------|---|
| Director | GILBERT ARCHEY, O.B.E., M.A., D.S.C., F.R.S.N.Z. |
| Assistant Director | A. W. B. POWELL, F.R.S.N.Z. |
| Ethnologist | V. F. FISHER, M.A. |
| Hon. Curator of English China .. | C. REGINALD FORD, F.R.I.B.A. |
| Botanist | R. C. COOPER, M.A., B.COM. |
| Ornithologist and Entomologist .. | E. G. TURBOTT, M.Sc. |
| Associate Ornithologist .. . | MAJOR G. A. BUDDLE, D.S.O., M.C. |
| Associate Ethnologist | OLWYN M. TURBOTT. |
| Geologist | M. H. BATTEY, M.Sc. |
| Librarian | ENID A. EVANS, B.A., A.L.A. |
| Education Officer | R. A. SCOBIE, M.A. |
| Assistant Education Officer .. | JOAN McCARROLL, B.A. |
| Art Technician | INES RUSSELL. |
| Bookkeeper and Typist .. . | ALIX MULLIONS. |
| Library Assistant | JOYCE BARTLEY. |
| Typist | PAULINE C. BOYD. |
| Taxidermist | C. W. DOVER. |
| Cabinetmaker and Joiner .. . | FRANK QUAYLE. |
| Custodian | J. L. DAVY, D.C.M. |

Attendants:

J. STEWART, S. BROWN, H. NEWMAN, J. MORIARTY,
P. R. PYE SMITH.

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OFFICERS OF THE AUCKLAND INSTITUTE AND MUSEUM 1950-1951

President:

MR. F. L.-G. WEST, LL.M.

Vice-Presidents:

SIR ALEXANDER JOHNSTONE, O.B.E., K.C., B.A., LL.B.
MR. J. C. RENNIE, LL.B.
HON. T. BLOODWORTH.

Council:

| | |
|---|---|
| PROFESSOR L. H. BRIGGS, D.Sc., D.Phil., F.R.S.N.Z. | MR. V. J. LARNER, M.B.E. SIR FRANK MAPPIN, Bart. |
| DR. HOLBROOK A. CHATFIELD. | MR. A. T. PYCROFT. |
| MR. A. N. COOPER. | SIR CARRICK ROBERTSON, F.R.C.S. |
| MR. W. A. FAIRCLOUGH, M.B., Ch.B., F.R.A.C.S. | PROFESSOR H. W. SEGAR, M.A., F.R.S.N.Z. |
| MR. C. REGINALD FORD, F.R.G.S., F.R.I.B.A. | MR. E. EARLE VAILE. |

Representatives of the Auckland City Council:

HIS WORSHIP THE MAYOR, SIR JOHN ALLUM, C.B.E.
MR. R. S. HARROP, B.COM. MR. W. CALDER MACKAY, M.C.
MR. J. M. WHITTAKER.

Representatives of Local Bodies:

MISS C. M. RAINS, MESSRS. H. BROWN, B.A., E. HAY,
W. E. LA ROCHE, B.Sc.

Trust Board:

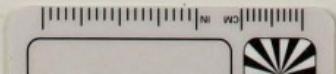
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|------------------------------|------------------------------|
| MR. V. J. LARNER (Chairman). | MR. KENNETH B. MYERS, M.B.E. |
| MR. E. ANDERSON. | MR. A. T. PYCROFT. |
| SIR FRANK MAPPIN. | |

Representatives on Council of Royal Society of New Zealand.
PROFESSOR L. H. BRIGGS, MR. A. T. PYCROFT.

Director:

GILBERT ARCHEY, O.B.E., M.A., D.Sc., F.R.S.N.Z.

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Reports to Members

President

The past year has been one of considerable activity on the part of the Council and its various committees. The museum itself has continued to be a source of interest to the public, the total number of visitors recorded being approximately 150,000. The educational work among school children from city and country schools has evoked many expressions of gratitude and praise for the Education Officers and the museum staff.

Surprise and pleasure continue to be expressed by visitors, especially those overseas visitors who are acquainted with war memorials and with museums abroad, in the magnificent site and the view therefrom, the beauty of the building itself, and the spacious design and lay-out of the interior. It is well to have attention called to these opinions so that we may be reminded, in this thirtieth anniversary of the public meeting in Auckland for the establishment of the War Memorial Museum, of the debt of gratitude owed to those members of our community who were responsible for the decisions which made the site available and to those whose generous contributions made the building possible.

During the past year your Council has had further discussions with the building committee of the War Memorial Fund now being constituted regarding the plans for future building in keeping with the present structure and the memorial nature of the final objective.

Your Council has appointed a standing committee to continue the investigation of signs of weathering in the present building stone and means to counteract it. It has also authorised the complete renovation of the steel window frames at an estimated cost of £3,200 to be met from the Building Reserve Account, and repairs to the flat roof, which had developed leaks at certain points.

Discussions on the ground with representatives of the Auckland City Council and the Auckland Transport Board have, it is hoped, removed the last difficulties in connection with the provision of regular bus services to the Museum.

The preservation of the indigenous flora of Rangitoto Island has continued to be a subject of concern, and the ready response of the Domain Board in arranging for the felling of some 2,000

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intruding pine trees and the destruction of introduced browsing animals has been greatly appreciated.

The recording of the history of New Zealand is one of the original objects of the Institute, and during the year the Council offered to make temporary accommodation available, pending establishment of a local branch of the National Archives, for certain early Auckland Court records which were in danger of destruction.

Discussions have also been held with representatives of the Auckland City Council regarding several matters of mutual interest in the establishment of the new Auckland Art Gallery.

Membership

At the close of the year the membership of the Auckland Institute and Museum stood at 884, comprising 250 life members and 634 annual members. During the year we lost 50 members by death, resignation and deletion, and 66 new members were elected.

Obituary

Death has removed from our roll many valued members: Sir Cecil Leys, Sir Joseph Smith, C.I.E., Lieut.-Colonel E. R. Sawer, O.B.E., Dr. C. H. Tewsey, C.M.G., Mrs. J. P. Campbell, Miss M. A. N. Russell, the Rev. C. J. Bush-King, Dr. E. B. Gunson, Dr. W. R. Wade, and Messrs. K. H. Barfoot, C. B. Buddle, A. J. Horsley, F. M. Hills, M. Lichtenstein, W. McKail Geddes, M.C., T. A. H. Oliphant, M.C., G. M. Smith, R. D. Thompson, F. M. Waters, and J. McKenzie Wilson.

The death of two of our honorary life members, Sir Cecil Leys and Mr. J. C. Entrican, has been a severe loss, but the record of their services and their gifts to the Museum will be a lasting memorial to their great interest in the Institute and Museum.

Sir Cecil Leys was president in the year 1934, a member of the Council from 1924 to 1948, and a member of the Trust Board from 1932 until his death. This formal record shows the very great interest he took in the affairs of the Museum, but that interest was further shown by the many gifts which were from time to time made by him, including, in conjunction with his sister, Mrs. Selwyn Upton, the very valuable Edge-Partington South Pacific ethnological collection, and by the bequest of a sum of £1,000 under his will. He had been accorded the honour of honorary life membership at the general meeting in 1930.

Mr. J. C. Entrican had also been a member of the Council since the year 1928, and will be long remembered for the gift of his extensive collection of coins and medals and his library of books

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on numismatics. Mr. Entrican was also elected to honorary life membership in the year 1948.

Congratulatory

Congratulations have been extended during the year to Sir John Allum, who has been *cx officio* a member of the Council for many years, on the honour of knighthood conferred upon him; to Mr. M. H. Wynyard on his appointment as an Officer of the Order of the British Empire; to Dr. G. H. Cunningham on his election as a Fellow of The Royal Society; and to Dr. C. R. Laws on his election as a Fellow of The Royal Society of New Zealand.

Sir Frank Mappin has been appointed by the Council as a member of the Trust Board in the place of the late Sir Cecil Leys.

Mr. A. T. Pycroft has been appointed a member of the Onewa Domain Board.

Changes in Council

During the year there were several changes in the representation of the contributing local bodies. Messrs. A. E. Brownlie, J. W. Kealy, T. R. Holdsworth, A. W. Joughin and D. Murdoch retired and their places were filled by the appointment by the Auckland City Council of Messrs. W. Calder Mackay and J. M. Whitaker, and by the election of Miss C. M. Rains and Messrs. H. Brown and W. E. La Roche to represent the other local bodies.

Staff

Dr. Archey has been appointed a member of the National Council of Adult Education, and by the Royal Society of New Zealand to the Pacific Science Council, and representative of New Zealand at the Australian Commonwealth Jubilee Commemoration in 1951.

Mr. A. W. B. Powell was appointed to the New Zealand National Oceanographic Committee, and has since been elected as chairman of that Committee.

On the invitation of the Department of Scientific and Industrial Research, Mr. E. G. Turbott has been appointed to the Animal Ecology Research Committee.

On the departure of Miss M. Hurrey for England, Miss Joan McCarrol was appointed assistant education officer. Miss Judy Macky, the art technician, has also gone to England, and Mr. Ines Russell has been appointed to the position.

Gifts

Numerous gifts of suitable subjects for exhibition have been received during the year. It is a matter for regret that the limita-

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tions of the present space make it impossible to display at the one time all those properties of the Museum which it would be desirable to have on exhibition, but the staff are continuously engaged in re-arrangement of the display cases so that some of the recent acquisitions may be viewed by visitors.

A gift of £50 from the Auckland Electric-Power Board, and the bequests of £171/5/- by the late Mrs. Sarah Ann Powley and £1,000 by the late Sir Cecil Leys have been greatly appreciated. The recent purchase for presentation to the museum of two fine Delft vases (shown in the illustration at the beginning of this report) by Mr. William Goodfellow and Mr. V. J. Larner, is also gratefully acknowledged. The endowment founded by Mr. Edward Earle Vaile has provided for the purchase of several valuable additions to the library during the year, and the Council was also greatly pleased to accept a portrait in oils of Mr. Vaile, which now hangs in the Council Room pending provision of an appropriate place in the public halls.

Transactions

Three years ago members were invited to send in copies of the Transactions of the Royal Society of New Zealand which they no longer required so that these might be forwarded to scientific institutions whose libraries had been destroyed or damaged during the war. The resulting contributions enabled the Council to forward some nearly complete and some partial sets to institutions in many parts of the world, including London, Manchester, Singapore, Nigeria, Amsterdam, Oslo, Noumea and the Philippines.

Finance

The financial aspect of museum administration has been one of the most difficult tasks of the Council during the year. The annual accounts now published show a deficit of £433 on the income and expenditure account, but even this has only been reached by severe pruning of the expenditure on the general services of the Museum. Increases in salaries and wages which have taken place since 1945, when the contributions of the Local Bodies were fixed by statute, have rendered the amounts then thought necessary insufficient for the proper fulfilment of the purposes of the Museum. Since the end of the financial year, the Local Bodies have been asked to make a special additional contribution to provide for the current year's administration. This request has already been generously received. The Council has also decided to approach the Local Bodies concerned with proposals for an amending statute to place the contributions in future on a more satisfactory basis.

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To assist in meeting the cost of the Transactions of the Royal Society, it is proposed to make a charge to those members who desire to receive these publications, and an amendment to the rules will be placed before a special meeting to give effect to this proposal.

F. L.-G. WEST,
President.

Chairman of the Trust Board

The President's report has already mentioned the changes in the Board's membership; we join with him in expressing our deep regret at the loss the institution has sustained by the death of Sir Cecil Leys, whose liberality and prudent judgment have earned our sincere respect and gratitude.

The invested funds have increased by £1,821/3/11 during the year, of which £1,361/12/11 was from the T. E. Hanson bequest, £171/1/5 bequeathed by Mrs. Sarah Powley, and £220/10/- life members' subscriptions; mortgage repayments and sundry items £67/19/7. This, together with £610/1/8 of reserve funds, was invested in the National Loan (£2,497/10/-). The endowment funds have now reached the not inconsiderable sum of £45,394/12/1, to which must also be added the Edward Earle Vaile endowment of property conservatively valued at £40,000. Of this amount £45,283/9/7 is invested in Government Stock, and the remainder in local body debentures and on first mortgage.

V. J. LARNER,

Director

The year's programme of Institute meetings was an extended one, no less than thirteen lectures on science, literature, and history having been arranged. At some the attendance was good, others were less well attended, unfortunately so because many members thereby missed the pleasure and keen interest with which those present followed our guest speakers' contributions to the programme. We were again fortunate in hearing overseas lecturers: Sir Henry Dale, F.R.S., who spoke on "Science in Education" and on "Electric Fishes"; Professor Ronald Syme, on "The Study of Ancient Life and Thought"; and Professor J. B. Condliffe, on "The Scientific Revolution." Lectures given by our own members or by visiting Dominion speakers were:

Mr. R. G. Lister, B.A.: "Population and Peace Around the Pacific."

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- Professor V. J. Chapman, Ph.D.: "Soil and Food."
Dr. David Miller, M.Sc., F.R.S.N.Z.: "Animal Life in the New Zealand Forest."
Professor F. J. Llewellyn, Ph.D.: "Electric Sparks and How to Tame Them."
Mr. W. H. Cocker, C.M.G., M.A., LL.B.: "The Trial of Edward Gibbon Wakefield."
Dr. J. Egerton Caughey: "Preventive Medicine in War and Peace."

A film evening, and two ordinary meetings at which papers were read by Mr. R. A. Robbins, Dr. T. E. Woodward, Dr. J. M. Staveley, Miss Joan M. Dingley and Mr. A. W. B. Powell completed the programme.

The Museum Sunday afternoon public lectures were well attended; the following list indicates the variety of interesting subjects offered:

- Mr. Johannes C. Andersen, M.B.E.: "The Moa in History and Tradition."
Mr. E. G. Turrott: "The Sea-birds of the Hauraki Gulf."
Mr. V. F. Fisher: "The Oldman Collection of Polynesian Treasures."
Mr. F. J. E. Jollie: "The Royal Botanic Gardens, Kew."
Mr. I. Russell: "An Artist Looks at Primitive Art."
Mr. M. H. Battey: "The Geology of Auckland."
Professor J. H. Davis: "A Naturalist Describes Florida."

Members of the Anthropology Section enjoyed an interesting and stimulating series of lectures. Mr. M. Te Hau spoke on early Maori history, and Mr. R. G. Lister on modern problems in Malaya; cultural and social problems in the Solomons were described by the Rev. Dr. C. E. Fox and Mr. Leonard Alufurai. Mr. Johannes C. Andersen discussed Maori fairy tales; Mr. R. A. Scobie and Professor R. O. Piddington contributed addresses on anthropology as a science, while Dr. Staveley described recent and proposed studies on blood groups.

The Section cordially welcomes Dr. Piddington on his taking up the chair of Anthropology at Auckland University College and looks forward to widened interests and activities through his assistance. Acknowledgment is made to Miss Pauline Boyd for cyclo-styling and despatching notices during the year, and to Professor Chapman for the use of the Botany Theatre for lectures.

The decorative arts section of the Museum has been enriched by notable accessions during the year. The gifts by Mr. William

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Goodfellow and Mr. V. J. Larner, each of a large delft blue and white vase and other pieces of European china, prompted the complete rearrangement of our exhibited ceramics, a display which now effectively sets off the beauty of the pieces as well as explaining their historical and technical interest. The bequest by Mrs. J. P. Campbell of a handsome late 18th Century sideboard and the gift by Mr. W. Stride and Dr. D. Stride of two display cases of English china have called for further new arrangements now in hand. Miss Stennet has added to her previous gifts of Japanese and Chinese ornaments, Mr. J. Kenneth Cousins has given a Chinese embroidered silk robe length, and Paisley shawls have been presented by Miss A. M. Field and Miss Laing. A Japanese incense burner is among gifts from Mr. A. H. Court, and a late 18th century French cabinet with painted porcelain panels has been deposited by Mr. R. Hoffmann.

Field research in natural history and ethnology, and complementary study in the research room must always comprise a large part of the work of a modern museum; that the year just past has been one of marked activity will be seen from reading the staff reports which follow. As in previous years, transport for field work has been generously provided by members and friends of the museum. For a further expedition to the Three Kings Islands to continue the study on natural regeneration after extermination of the goats, we are indebted to the Marine Department for transporting the museum's party, which also included Drs. Baylis and Holdsworth, of Otago University, and Dr. T. Woodward, of Auckland University College. During the five days ashore the studies commenced nearly twenty years ago were satisfactorily continued, and will be the subject of further reports in the Museum "Records" in 1951. The 1950 issue of the Records (Vol. 4, Part 1), edited as usual by Mr. Powell, contained the following papers:

Miss V. Dellow: "A New Species of *Microdictyon* Decaisne in New Zealand."

Dr. T. E. Woodward: "New Records of Miridae (Heteroptera) from New Zealand, with Descriptions of a New Genus and Four New Species."

"A New Species of *Cermatulus* Dallas from the Three Kings Islands, New Zealand."

Mr. J. G. Pendergrast: "The Genus *Rhopalimorpha* Dallas (Hemiptera-Heteroptera) with a Description of a New Species."

Mr. M. H. Battey: "The Geology of Rangiawhia Peninsula, Doubtless Bay, North Auckland."

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Mr. A. W. B. Powell: "Life History of *Austrosuccinea archeyi*, an Annual Snail, and its Value as a Post-Glacial Climatic Indicator."

"Mollusca from the Continental Shelf, Eastern Otago." Miss R. Mason, Messrs. N. T. Moar and R. Cooper: "New Plant Localities in the Auckland Province."

It is gratifying to report the increased use being made of the Museum's extensive natural history and ethnographical collection by visiting scientists from overseas and by colleagues in other New Zealand institutions. The extensive detailed attention that the scientific staff has given to studying, classifying, arranging and registering these great collections bears fruit in the increased number of specimens that become available for such study every year and in their accurate recording and ready accessibility. This service to scientific colleagues contributes to the advancement of study and research, as the corresponding effort to augment and improve the displays contributes to the interest and enjoyment of visitors to the exhibition halls.

The complementary library resources and services have also been fully utilized.

Although facilities and resources for the various activities of the Institute and Museum are now becoming embarrassingly restricted, a good programme has been maintained which the staff can look back upon with a degree of satisfaction.

GILBERT ARCHEY.

Assistant Director

A sustained effort during most of the year resulted in the cleaning up of considerable arrears in the maintenance of the mollusca and general marine invertebrate collections. These are now in good order and readily available for reference. Work of this nature is slow owing to the lack of assistance.

Twenty-six outside lectures were delivered, including fourteen as part of an Adult Education course in the Biological Series. A new experiment in the holding of these classes at the Museum was very successful, resulting in much larger attendances than in the previous two years. The new School Service classroom was made available, and the additional facilities afforded at the Museum in the use of microscopes and examination of specimens contributed largely to the success of the course.

The Museum Conchology Club, now in its twentieth year, also

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benefited from the use of the new classroom. Twelve well attended evening meetings were held, and the club's Bulletin, No. 6, containing thirteen original articles, was published.

A series of nature articles was contributed to the children's section of the "New Zealand Herald" and other natural history articles to the local magazines "Newsvue" and "Sea-Spray."

A successful field trip for the purpose of investigating land snail communities was made to the North Cape area in May. Motor transport was generously provided by three colleagues, Messrs. R. A. and H. S. Prouse and A. Hancox. Preliminary arrangements were made for the Museum expedition to the Three Kings Islands in January, but owing to illness I was unable to take part. However, members brought back samples of leaf mould from South West Island and Major M. E. Johnson similar material from West Island that has provided new species and records of land snails.

The Records of the Auckland Institute and Museum, Vol. 4, No. 1, was edited and published in December, 1950. The third impression of "Native Animals of New Zealand" is almost sold out and a new edition is now being printed.

In October I was elected chairman to the New Zealand Oceanographic Committee, which held a very successful first meeting in Wellington. This Committee is now actively at work on many aspects of New Zealand oceanography.

Two papers were published during the year: Life History of *Austrosuccinea archeyi*, an annual snail, and Mollusca from the continental shelf, Eastern Otago. Also an extensive report on the Antarctic and Subantarctic Mollusca collected by the ships of the Discovery Committee has been completed and is now being printed by the Cambridge University Press.

Enquiries continue to increase, especially those from overseas sources. Many are of a highly technical nature and their fulfilment often involves considerable time.

A. W. B. POWELL.

Ethnologist

During the year, 974 specimens were added to the department. Of special interest was an exceptionally fine Tridacna shell gouge from Sir Albert Ellis; Maori and Polynesian articles from the Edward Earle Vaile Trust Fund; two ivory spoons from Natal presented by Mr. W. T. Stanton; a small collection of Hawaiian stone implements from Mr. K. L. Henson, and an unusually large *waka kereru* from Mr. W. Jamieson.

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The highlight of the year was the arrival of the important Oldman Collection pieces from Polynesia and Melanesia, which had been allocated by a committee of representatives of each of the four main museums on which I acted for Auckland. Our museum drew priority in Society Islands, Australs and Tuamotu; in Samoa, Tonga and Fiji and in Banks, Santa Cruz and New Hebrides, and also secured selected material from other areas; we received altogether 329 specimens. The Oldman collection ranks with the Edge Partington collection (presented by the Leys family) as one of the finest Oceanic collections to be placed in the museum.

A suite of early watches was lent for the horological exhibition in Christchurch, and specimens illustrating New Zealand and Polynesian canoes were exhibited at Ngaruawahia during the Maori Sexcentennial celebrations. The canoe commemoration at Turangawaewae Pa was attended, a lecture given and information on practical arts and crafts was distributed. A set of Maori specimens was lent to the Auckland Training College, and Maori and Solomon Island material exchanged for American Indian specimens.

Requests for information have not slackened. In addition to routine enquiries, sets of literature references were provided for a Samoan student, for Melanesian Missionaries, and for three honours students in history. Ardmore Teachers' College students have been assisted with a local Maori-European historical project, and information has been given to anthropology students at Auckland University College.

Fourteen lectures were given to various societies, lectureettes were given in the Museum to Training College students on the purpose and use of the research collections and two radio talks on the Oldman Collection; the Sunday afternoon series of seven lectures was also arranged. During Library Week two lectures on the Maori history of Parnell were offered at the Parnell Library.

The Ngela (Florida) dictionary compiled by Dr. C. E. Fox was re-copied with rearranged symbols and more precise alphabetical order. Other outside activities have been the Hon. Secretaryship of the Art Galleries and Museums Association and examiner for the Maori badge of the Girl Guides Association.

Consideration has been given to the study collections; many of the smaller specimens have been transferred to steel filing cabinets, where they are both more safely and more conveniently arranged for reference. The lack of space for larger pieces in the research collections is increasingly apparent, and plans for additional facilities approved earlier in the year should help to alleviate

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the situation. Mr. M. Simpson, student assistant, completed the registration of the Oldman collection and brought registrations and rearrangement of other sections of the collection up to date.

V. F. FISHER.

Associate Ethnologist

The displays in the Hall of South Pacific Ethnology have been enriched by the addition of much new material from the Oldman collection. Many fine pieces have been fitted into existing exhibits and three whole cases have been filled with Polynesian material from this collection. In addition to these displays a number of temporary exhibits were arranged to show representative pieces from the collection when it first arrived, and have enabled visitors to see a larger proportion of the material than can be shown permanently.

An interesting experiment in the Ethnology Halls has been the installation of fluorescent lighting in a number of the cases, with attractive effect in brightening the halls generally and in enhancing the appearance of display material.

In the China Gallery the collections have been completely rearranged; the White collection is now grouped according to factory, with Chelsea filling one case and Worcester the other three. In the rest of the gallery material from other collections has been brought together in broadly chronological order, beginning with early English stoneware and showing all our Delft, both Dutch and English. Another case is devoted to later English pottery, especially Wedgwood and Leeds, and another to early porcelain. Mr. Ford's advice and help in identifications is gratefully acknowledged.

O. TURBOTT.

Botanist

Additions to the herbarium for the year totalled 707 collections, of which 572 came by gift or exchange and 62 from local field work. The accessions included 100 sheets of North American plants from the U.S. National Herbarium, 50 sheets from the National Herbarium, Sydney, 50 sheets of Orchids from the University of Toronto (presented by Mr. E. D. Hatch, of Laingholm), 86 sheets of native plants and weeds from Mesdames P. Hynes and K. Wood, and several packets of plants from Mr. T. W. Mellor, of Nelson. Type specimens of new species were deposited in the herbarium by Miss U. V. Dellow (Algae), and

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Mr. E. D. Hatch (Orchids). The usual requests for the loan of material and the identification of specimens have been received.

Mesdames P. Hynes and K. Wood have worked one day each week on the arrears of mounting, and Miss M. Hurrey and Mrs. E. Warneford have written some hundreds of covers. With this valuable assistance it has been possible to complete the mounting and sorting of the exotic collection, the fern, moss, liverwort and lichen collections. The quantity of material available for immediate reference has been greatly increased as a result of this voluntary and much appreciated assistance. The collections are weak in named specimens of weeds and cultivated plants, and exchanges are being arranged with the U.S. National Herbarium and Missouri Botanical Garden to increase the quantity of reliably named specimens of weeds and garden plants.

An Autumn show of Native Plants was held from 10th to 13th March, and, as usual, members of the Auckland Botanical Society, Forest and Bird Protection Society, and the Auckland Institute and Museum gave most generously in time, labour, use of cars, specimens from their gardens, and donations for prizes. The Director of Parks, Auckland City Council, and the Head Gardener of the Auckland Hospital Board provided an excellent exhibit of native shrubs suitable for cultivation in Auckland, and the Broken Hill Natural History Club sent a display of Australian plants in return for an exhibit forwarded to them last spring. Members of the Auckland Botanical Society collected and arranged a wealth of native flowers and berries. Mr. Robin Watson and members of the Forest and Bird Protection Society built a delightful bush scene, and Joan Clare and Ines Russell a scene of erosion. Professor V. J. Chapman and students of the Botany Department, Auckland University College, displayed the uses of seaweeds, Miss M. Crookes made an exhibit of ferns, and a number of friends and societies in other parts of New Zealand forwarded exhibits. Two hundred entries were received in the Children's competitions, and Mrs. E. Warneford and Misses F. Warbrook and Z. Lloyd gave tireless assistance with this section. A prize-giving ceremony will be held shortly.

A paper on "New Plant Localities in the Auckland Province" by Ruth Mason and Neville Moar, of the Botany Division, D.S.I.R., Wellington, and the writer, was published in the Museum "Records" in December, 1950.

ROBERT COOPER.

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Ornithologist and Entomologist

The outstanding feature of the year has been the opportunity to carry out field work at the Antipodes and Bounty Islands and to revisit the Three Kings. Participation in the Antipodes-Bounty expedition (2nd-13th November) was at the very kind invitation of Mr. A. J. Black, of Dunedin, who had arranged to visit the islands in his motor vessel "Alert" with a party led by Dr. R. A. Falla. The expedition had as one of its main objects a programme of observations on oceanic birds and on the few species of land birds inhabiting the Antipodes. The light conditions were particularly favourable for photography, and the Museum now has 800ft of cinema film taken during the expedition which will provide material for several educational films. This includes sequences of nesting penguins of two species and wandering albatross on the Antipodes, and of penguins, mollymawks and fur seals at the Bounty Islands.

A collection of insects was made on both Antipodes and Bounties, and a quantity of leaf mould was transported from the Antipodes to be worked through on return by Berlese funnel. Dr. T. Woodward, of the Zoology Department, Auckland University College, kindly assisted in the sorting of leaf mould. Opportunity was taken where possible to obtain other material required in research, including mollusca, a small number of plants, algae from the Bounty Islands, rock specimens and peat samples.

The visit to Great Island, Three Kings, in January was spent in establishing a further record of changes since the beginning of the period of regeneration. Assistance was given to Dr. M. Holdsworth, who undertook the recharting of the 1946 quadrats, and other field work on both Great and South West Islands included regular observation of the birds and invertebrate collecting. 150ft of film was taken to be added to the previous film record showing regeneration.

Specimens have been replaced or new material added to the bird displays. In the Hall of New Zealand Bird Life the background of a newly arranged habitat group of godwits and other waders has been painted by Miss J. Harrison-Smith. This has been a special display project in producing a unit suitable for a fairly shallow case illuminated by strip lighting.

Dr. B. Elwood Montgomery, of Purdue University, visited the Museum in May, and a trip to North Auckland was arranged. In spite of bad weather a little general entomological collecting was done, and the opportunity for discussion with Dr. Montgomery was much appreciated.

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A paper, "Winter Observations on *Notornis* in 1949," has been prepared for a forthcoming special publication on the *Notornis* colony. Several short contributions arising out of enquiries have appeared in the journal of the Ornithological Society of New Zealand.

The W.E.A. course on "Animal Life in the Auckland Area" was given in association with Mr. Powell. In addition, eleven lectures have been delivered to various organisations.

In order to help directly in practical work, sixth form classes from two secondary schools were given demonstrations of the collecting and preservation of insects at the Museum and on a field outing.

The appointment has been accepted to membership of the Animal Ecology Research Committee, Department of Scientific and Industrial Research.

Work undertaken in relation to various societies includes that of the Ornithological Society of New Zealand, the New Zealand Association of Scientific Workers, and Forest and Bird Protection Society. To the last named, assistance has been given in arranging local activities and excursions.

E. G. TURBOTT.

Geologist

A further 902 specimens were catalogued during the year, bringing the total number of entries to 6,307 exclusive of the large Russell Collection of Hauraki Goldfield ores, which are listed in a separate catalogue compiled by the donor. Of the newly registered material, 701 specimens represent additions to the collections. The 201 items not acquired during the year comprise chiefly Mesozoic fossil shells and plant remains.

One of the most notable accessions is an iron meteorite of 17lb weight, a fine example of its kind, from Central Australia. A representative collection of rocks from the Three Kings Islands is an important addition to the study collections.

A collection of Mesozoic fossils from a newly discovered locality near Oneheroa was selected and despatched to the New Zealand Geological Survey by Mr. A. P. Mason, who has continued to give of his time in much appreciated assistance with the work of the department and who has also presented to the Museum much new material of his own collecting.

The collections have been rearranged recently and placed in

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shallow wooden trays which, stacked one upon the other on the shelves of the storage cabinets, effect a considerable economy of space. Advantage has been taken of this readjustment to modify the classification of the stored collections so as to improve their accessibility for reference.

A new display of 72 square feet on the work of water within the earth's crust has been set up. Display work has, however, languished to some extent in the absence of a trained artist to give effect to projects already under way, as for example, the colouring of a relief model of North Auckland and of the models of dinosaurs prepared last year to illustrate the life of Mesozoic times.

Field work was carried out on Great Island in the Three Kings Group in January. The island was mapped topographically on the scale of 4 inches to the mile, and a large collection of rocks was made so that some interpretation of the structure of the area is now possible. An excursion was made to Doubtless Bay in December with the assistance of a Research Grant from the Royal Society of New Zealand. Another visit was made to Whangaroa, Houhora, and the Moturoa Islands in February in furtherance of systematic work in this part of North Auckland. The results of the work to date were embodied in a paper on "The Geology of Rangiawhia Peninsula, North Auckland," contributed to the *Records of the Auckland Museum*.

The Museum map collection, which includes a number of fascinating and beautiful early maps, has been catalogued and classified and is now housed in the Library of the Institute, where it is accessible to members.

The service to members of the public seeking information on geological questions has been maintained and advice has been supplied in connection with certain engineering projects near the city. The co-operation of those engineers who have supplied valuable data on the sub-surface structure derived from their investigation is gratefully acknowledged.

M. H. BATTEY.

Education Officer

Solid growth and re-organization might be called the hallmarks of the work of the year. A steadily increasing demand from the schools for our services, the advent of two rooms for the use of visual and tactile aids and a change in the student sections have been the compelling elements in this situation. The demand is best indicated by the fact that 29,020 child hours were spent in teaching —a very high number when it is considered that 10 children are

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the largest satisfactory number to handle as a group. To maximize the amount of time available for teaching and developmental work, re-organization has been necessary to reduce administration to a minimum, and it is unlikely that any further gains can be had from this quarter.

Summary of Attendances for One Hour Lessons.

| Primary | Intermediate | Secondary | Total |
|---------|--------------|-----------|--------|
| 22,162 | 5,128 | 1,730 | 29,020 |

The handling of this number of children on an individualistic basis was practicable only through the aid of the student-teachers and the use of two rooms for visual aids.

An increase in the number of students to twelve a section enabled the department to carry out this policy, and at the same time made it possible to give the students themselves a more intensive training. Considerable effort has been made in the production of aids and an adequate organization to help the student-teachers. The arrival of post-primary student-teachers has proved most stimulating. In all, 102 students have worked in the Museum.

The demand from the teachers for loan material is most persistent. Sixty city and 220 provincial schools have been serviced this year—an increase of 62 in the province. A further 43 schools have requested to be included in the scheme. To meet this intensive demand, the administration of the loan services has been completely re-organized.

The film sessions were well supported, some 5,000 children patronizing them. The natural history club met 19 times, involving 253 attendances. The Cheeseman memorial competition, based on either ecological descriptions for the seniors or bird observations for the juniors, produced some excellent results, particularly with the young children.

Briefly, this has been one of the busiest years. The aggregate results virtually represent the limits of what can be achieved with the present facilities. If the Museum Education Section is to meet the growing needs of Auckland and is not to function restrictively, its establishment must be placed on an adequate footing.

RICHARD A. SCOBIE.

Librarian

During the year 934 books have been added to the library, 628 of which have been purchased from the Edward Earle Vaile Trust Fund. The figures for this year are lower than those for last year, but this is accounted for by the fact that several important and expensive works have been acquired. For the past five years it

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has been possible to spend freely on New Zealand and Pacific material, through the Edward Earle Vaile Trust Fund, with the result that many of the gaps in the New Zealand and Pacific collections have now been filled, and the library is able to purchase some rarer, more expensive works.

Efforts continue to be made to complete serial holdings, and many periodical parts have been received through the duplicate exchange system operating in New Zealand libraries. Also, books and periodicals are being acquired from time to time through the United States Book Exchange in Washington. By sending duplicates to this organisation a library establishes a credit, and may request any publications which are offered for disposal.

Exchanges with overseas institutions continue to be maintained, and much valuable material is acquired in this way.

Cataloguing of the old stock has continued, 1,475 books having been catalogued during the year, bringing the total number of catalogued books up to 11,560.

Accommodation for the New Zealand Collection has been extended by the addition of three steel stacks. A map cabinet has been built to house the six or seven hundred maps belonging to the library.

In January the catalogue was microfilmed for the National Library Service. This is part of a project to microfilm all the main catalogues in New Zealand with a view to the ultimate establishment of a Union Catalogue.

Borrowings for the year numbered 3,183 by members and 173 by other libraries. Postal borrowings by members numbered 80. Forty-seven books or periodicals were borrowed for members from other libraries.

We acknowledge with thanks donations of books or money from the following persons: Sir Carrick Robertson, Hon. T. Bloodworth, Professor J. H. Davis, Dr. G. Blake Palmer, Mr. H. R. Bisley, Mr. S. Cameron, Mr. A. N. Cooper, Mr. J. K. Cousins, Mr. G. R. Hutchinson, Mr. W. Innes, Mr. C. E. Jenkins, Mr. J. W. Jessup, Mr. R. Noel Johnson, Mr. J. P. Kalaugher, Mr. K. Kenealy, Mr. W. Kingsley, Mr. W. S. Land, Mr. A. L. Lee, Mr. T. W. Mellor, Mr. J. C. Reid, Mr. N. R. W. Thomas, Mr. G. Vaile, Mr. H. W. Wellman, Mr. Algar Williams, Mr. and Mrs. W. L. G. Gibbons, Mrs. Jamieson, Mrs. R. J. McLaren, Miss J. Stennett, Miss E. M. Stevenson, Miss E. M. Upton. A number of books were also received from the estate of the late Rev. C. Bush-King.

ENID A. EVANS.

AUCKLAND INSTITUTE AND MUSEUM

RECEIPTS AND PAYMENTS ACCOUNT

For the Year Ended 31st March, 1951.

| | £ s. d. | | £ s. d. |
|--|---------------|---|---------------|
| To Balance, 1/4/50 | 2,254 14 5 | By Salaries and Wages | 9,743 19 7 |
| " Subscriptions | 535 2 6 | " Insurance | 62 0 1 |
| " Subscriptions in Advance, 1951-52 | 44 2 0 | " Library Expenses | 22 3 7 |
| " Life Subscriptions | 220 10 0 | " Library Books | 291 8 3 |
| " Interest— | | " Institute Expenses | 262 11 9 |
| Mortgages | 68 0 3 | " Specimens— | |
| Debentures | 134 12 6 | Purchased | 319 12 7 |
| N.Z. Government Stock | 978 2 5 | Collecting and Travelling | 300 15 10 |
| Australian Stock | 52 3 10 | Preserving and Display | 183 18 3 |
| " Local Body Contributions | 10,668 0 0 | School Services, Education, Prizes | 80 18 3 |
| " Sundry Receipts | 49 12 6 | Publications, Photos | 191 18 5 |
| " Savings Bank Interest | 203 8 6 | Publications Reserve Account | 750 13 10 |
| " Sale of Transactions | 15 5 11 | General Maintenance | 1,082 3 0 |
| " Sale of Publications—Reserve Account | 1,003 5 10 | Buildings Maintenance | 1,296 17 9 |
| " Sarah Powley Bequest | 171 1 5 | Showcases and Furniture | 159 3 5 |
| " C. V. Houghton Bequest | 2 18 9 | Scientific Equipment | 141 0 0 |
| " A. V. Hanson Estate | 1,361 12 11 | Auckland Museum Maintenance Amendment | |
| " Rents from E. E. Vaile Properties Trust | 1,939 19 3 | Act, 1931 (Section 37)— | |
| " Receiver of Land Revenue— | | Entertainment, Wreaths | 16 7 6 |
| Sales | 3 0 10 | Expenditure—A. V. Hanson Estate | 1 18 6 |
| Rent and Interest | 18 16 4 | War Memorial Fund | 69 17 2 |
| " Mortgages—Reduction of Principal | 62 0 0 | Edward Earle Vaile Trust Fund— | |
| " Contributions— | | Specimens Purchased | 141 9 11 |
| Specimens Purchase | 36 14 11 | Library Books Purchased | 1,157 16 10 |
| Memorial Hall Account | 23 5 11 | Outgoings on Properties | 220 1 10 |
| War Memorial Fund | 69 17 2 | Obsolescence Fund Account, 1950-51 | 200 0 0 |
| Special Donations | 281 6 6 | Balance Unexpended, 31/3/51 | 301 19 4 |
| " Transfers— | | Transfers— | |
| Building Reserve Account | 596 17 9 | Investment Account | 62 0 0 |
| Horton Geology Fund | 5 0 0 | Life Subscriptions Account | 220 10 0 |
| A. V. Hanson Estate | 1 18 6 | Specimen Purchase Account | 36 14 11 |
| E. E. Vaile Trust Fund—Sale of Books | 72 12 3 | Memorial Hall Account | 23 5 11 |
| E. E. Vaile Trust Fund—Sale of Specimen | 2 10 0 | Museum Endowment Account | 3 0 10 |
| E. E. Vaile Trust Fund— | | Publications Reserve Account | 252 12 0 |
| Unexpended, 31/3/50 | 6 6 5 | Sarah Powley Bequest | 171 1 5 |
| | | C. V. Houghton Bequest | 2 18 9 |
| | | A. V. Hanson Estate | 1,361 12 11 |
| | | Balance | 1,750 6 8 |
| | £ 20,882 19 1 | | £ 20,882 19 1 |

INCOME AND EXPENDITURE ACCOUNT
For the Year Ended 31st March, 1951.

| EXPENDITURE. | | INCOME. | |
|---------------------------------------|--------------------|--|--------------------|
| | £ s. d. | | £ s. d. |
| Salaries and Wages | 9,743 19 7 | Subscriptions | 690 7 6 |
| Insurance | 62 0 1 | Interest—Mortgage, Debenture, Stock | 1,281 16 6 |
| General Maintenance | 1,082 3 0 | Life Members' Subscriptions | 220 10 0 |
| School Services, Education, Prizes | 80 18 3 | Contributions from Local Bodies | 10,668 0 0 |
| Publications, Photos | 191 18 5 | Sundry Receipts | 49 12 6 |
| Institute Expenses | 262 11 9 | Sales of Transactions | 15 5 11 |
| Unauthorised Expenditure | | Savings Bank Interest | 203 8 0 |
| Entertainment, Wreaths | 16 7 6 | Rent—Receiver of Land Revenue | 18 16 4 |
| Building Maintenance | 1,296 17 9 | Memorial Hall and Specimen Purchase | 60 0 10 |
| Subscriptions Written Off | 89 7 6 | Special Donations | 281 6 6 |
| Balance Carried Down | 663 0 3 | | |
| | £13,489 4 1 | | £13,489 4 1 |
| Capital Purchases from Revenue | 1,413 1 11 | Balance Brought Down | 663 0 3 |
| Appropriations— | | Transfer from Building Maintenance Reserve | 596 17 9 |
| Life Members' Capital Reserve Account | 220 10 0 | Balance, 31/3/51 | 433 14 9 |
| Memorial Hall Trust Account | 23 5 11 | | |
| Specimen Purchase Account | 36 14 11 | | |
| | £1,693 12 9 | | £1,693 12 9 |
| EDWARD EARLE VAILE TRUST FUND. | | | |
| To Ethnological Specimens Purchase | £ s. d. | By Gross Rents received to 31/3/51 | £ s. d. |
| Library Books purchased | 141 9 11 | Less Commission | 2,184 16 6 |
| Obsolescence Fund, 1950-51 | 1,157 16 10 | Insurance | 80 19 0 |
| Balance unexpended, 31/3/51 | 200 0 0 | Repairs | 78 18 4 |
| | 301 19 4 | Rates | 95 17 3 |
| | £1,801 6 1 | Sundries | 202 18 1 |
| | | | 6 6 5 |
| | | | 464 19 1 |
| | | Net Revenue | 1,719 17 5 |
| | | Balance unexpended, 31/3/50 | 6 6 5 |
| | | Sale of Books | 72 12 3 |
| | | Sale of Specimen | 2 10 0 |
| | | | £1,801 6 1 |

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EDWARD EARLE VAILE TRUST FUND.

Balance Sheet at as 31st March, 1951.

| | £ s. d. | | £ s. d. |
|-----------------------|------------|----------------------------|------------|
| Capital Account | 40,000 0 0 | Properties valued at | 40,000 0 0 |

MUSEUM ENDOWMENT ACCOUNT.

| To Balance, 31/3/51— | £ s. d. | By Balance, 1/4/50 | £ s. d. |
|----------------------|---------------------|--------------------------------------|---------------------|
| Investments | 13,990 19 9 | .. | 13,987 18 11 |
| | | .. Sales—Receiver of Land Revenue .. | 3 0 10 |
| | <u>£13,990 19 9</u> | | <u>£13,990 19 9</u> |

LIFE MEMBERS' SUBSCRIPTIONS ACCOUNT.

| To Balance, 31/3/51— | £ s. d. | By Balance, 1/4/50— | £ s. d. |
|-------------------------------|-------------------|--|-------------------|
| War Savings Investments | 2,204 14 1 | War Savings Investments | 2,140 10 1 |
| Investments | 1,899 7 4 | Investments | 1,743 1 4 |
| | <u>£4,104 1 5</u> | .. Transfer from Income and Expenditure A/c .. | 220 10 0 |
| | | | <u>£4,104 1 5</u> |

ACCUMULATING ENDOWMENT ACCOUNT.

| To Balance, 31/3/51 | £ s. d. | By Balance, 1/4/50 | £ s. d. |
|---------------------|-----------------|---------------------------|-----------------|
| .. | 412 2 0 | .. Interest to 31/3/51 .. | 402 1 0 |
| | <u>£412 2 0</u> | | <u>10 1 0</u> |
| | | | <u>£412 2 0</u> |

MACKECHNIE BEQUEST ACCOUNT.

| | £ s. d. | | £ s. d. |
|-----------------------|----------------|--------------------|---------|
| To Balance, 31/3/51 | 8 11 3 | By Balance, 1/4/50 | 8 7 3 |
| " Interest to 31/3/51 | | " | 4 0 |

£8 11 3

£8 11 3

SIR JAMES GUNSON TRUST ACCOUNT.

| | £ s. d. | | £ s. d. |
|-----------------------|----------------|--------------------|---------|
| To Balance, 31/3/51 | 34 4 8 | By Balance, 1/4/50 | 33 8 2 |
| " Interest to 31/3/51 | | " | 16 6 |

£34 4 8

£34 4 8

MEMORIAL HALL TRUST FUND.

| | £ s. d. | | £ s. d. |
|---------------------------------|----------------|--------------------|----------|
| To Balance, 31/3/51 | 746 14 2 | By Balance, 1/4/50 | 705 15 9 |
| " Interest to 31/3/51 | | " | 17 12 6 |
| " Transfer from I. & E. Account | | " | 23 5 11 |

£746 14 2

£746 14 2

SPECIMEN PURCHASE FUND.

| | £ s. d. | | £ s. d. |
|-----------------------|----------------|--------------------|---------|
| To Balance, 31/3/51 | 675 11 10 | By Balance, 1/4/50 | 623 5 5 |
| " Interest to 31/3/51 | | " | 15 11 6 |

£675 11 10

£675 11 10

AUCKLAND INSTITUTE AND MUSEUM

BALANCE SHEET AS AT 31st MARCH, 1951.

| | LIABILITIES. | ASSETS. |
|---------------------------------------|--------------------|---------|
| | £ s. d. | £ s. d. |
| Capital Account at as 31/3/50 | .. 450,036 2 4 | |
| Add | | |
| Capital Purchases from Revenue | 1,413 1 11 | |
| Capital Purchases from Reserves | 1,229 4 6 | |
| | <u>452,678 8 9</u> | |
| Endowments—Fixed: | | |
| Costley Bequest .. . | 7,700 0 0 | |
| Mackenzie Bequest .. . | 2,000 0 0 | |
| Campbell Bequest .. . | 1,000 0 0 | |
| Herries Bequest .. . | 1,000 0 0 | |
| Shaw Bequest .. . | 1,000 0 0 | |
| Goldie Bequest .. . | 1,000 0 0 | |
| Marshall Bequest .. . | 550 0 0 | |
| Harding Bequest .. . | 500 0 0 | |
| Nathan Bequest .. . | 100 0 0 | |
| Pond Cheeseman Bequest .. . | 100 0 0 | |
| Gore Adams Bequest .. . | 100 0 0 | |
| Mitchelson Prize Fund .. . | 100 0 0 | |
| Houghton Bequest .. . | 533 14 3 | |
| Cinematography Trust Fund .. . | 2,000 0 0 | |
| Auckland Savings Bank Trust Fund .. . | 5,500 0 0 | |
| A. V. Hanson Bequest .. . | 2,130 1 7 | |
| E. P. Mitchelson Bequest .. . | 1,600 0 0 | |
| A. G. Lunn Bequest .. . | 25 0 0 | |
| Sarah Powley Bequest .. . | 171 1 5 | |
| | <u>26,509 17 3</u> | |
| Endowments—Increasing: | | |
| Museum Endowment .. . | 13,990 19 9 | |
| | | |
| | | |

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| | | |
|---|------------|---------------|
| Reserve for Depreciation of Investments | 377 11 8 | |
| Life Membership Subscriptions .. | 4,104 1 5 | |
| Accumulating Endowment (Ambury Bequest) .. | 412 2 0 | |
| | <hr/> | 18,884 14 10 |
| Reserves— | | |
| Building Maintenance | 4,510 5 2 | |
| Gunson Specimen | 34 4 8 | |
| Leys Fund for Ethnographical Specimens | 107 10 0 | |
| Memorial Hall | 746 14 2 | |
| Specimen Purchase | 675 11 10 | |
| Mackechnie Library | 8 11 3 | |
| Horton Geology Fund | 92 17 5 | |
| Caskets for White China | 10 10 0 | |
| Donations for purchase of Swords | 10 0 0 | |
| Publications Reserve Account | 1,249 5 9 | |
| Edward Earle Vaille Properties Trust— | | |
| Obsolescence Fund | 825 5 0 | |
| Balance Revenue Account | 301 19 4 | |
| | <hr/> | 8,572 14 7 |
| Sundry Creditors— | | |
| Subscriptions in Advance | 44 2 0 | |
| Income and Expenditure Account— | | |
| Balance, 1/4/50 | 2,507 7 11 | |
| Less Debit Balance, 31/3/51 | 433 14 9 | |
| | <hr/> | 2,073 13 2 |
| | <hr/> | £508,763 10 7 |

| | | |
|--------------------------------|-----------|---------------|
| Cash— | | |
| Post Office Savings Bank | 29 4 8 | |
| Auckland Savings Bank | 3,950 2 9 | |
| Petty Cash | 10 0 0 | |
| Change | 1 0 0 | |
| Cash in Hand | 211 15 10 | |
| Bank of New Zealand | 299 0 1 | |
| | <hr/> | 4,501 3 4 |
| | <hr/> | £508,763 10 7 |

GILBERT ARCHY,
Treasurer.

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List of Benefactions made to the Auckland Institute and Museum of an amount (or value) exceeding £50.

MONETARY GIFTS.

- 1876 Auckland Citizens: £2,026 subscribed towards first building.
1878 Mr. J. C. Firth donated £106 for show cases.
1884 Mr. Edw. Costley bequeathed £12,150.
1887 Mr. David Nathan bequeathed £100.
1897 Mr. T. Russell donated £100 for geological specimens.
1901 Auckland Citizens subscribed £1,000 for Mair Collection.
1902 Mr. E. A. Mackenzie bequeathed £2,500.
1906 Auckland Citizens subscribed £662 for carved houses.
1911 Auckland Citizens subscribed £684 for ancient carvings.
1913 Sir John Logan Campbell bequeathed £1,000.
1921 Institute Members subscribed £115 for Temple Bronzes.
1923 Sir Wm. H. Herries bequeathed £1,000.
1924 Citizens subscribed £698 for Maori collections.
1925 Institute Members subscribed £109 for Maori collection.
1926 Sir James Gunson Presentation Committee presented £118 for
Maori collection. Mr. David Goldie bequeathed £1,000.
1927 Mr. F. Shaw bequeathed £1,000.
1929 Mr. S. J. Ambury bequeathed £250.
1934 Mrs. R. M. Wilson: £50/10/-, given to establish the Sir Edwin
Mitchelson Prize Fund.
1940 Mr. Maurice Harding bequeathed £500.
1941 Mr. Ormsby Gore Adams bequeathed £100.
1942 Mr. J. A. Pond bequeathed £100 to commemorate the scientific
achievements of Thomas F. Cheeseman.
1944 Mr. E. Earle Vaire gave two blocks of shops and residences
worth £10,000 as an endowment for ethnological collec-
tions and books.
Mr. R. C. Horton gave £200 towards extending the mineral
collection.
"Two Friends" gave £150 for Library book-cases.
£428 received on account of a bequest by Mr. C. V. Houghton.
Mitchelson Prize Fund increased to £100.
1945 "Anonymous" gave £2,000 as an endowment for Cinemato-
graphy.
Auckland Savings Bank gave £500 for improvements to
Exhibition Halls.
Auckland Electric Power Board gave £100.
Mr. R. C. Horton gave £70 for purchase of Georgean Silver
Tea Set.
1946 Mr. E. Earle Vaire: Gave a freehold section with a two-storey
building in Queen Street worth over £30,000 as a further
endowment for ethnographical collections and books.

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1947 **Auckland Savings Bank** Centennial Gift of £5,000.
Mr. A. V. Hanson bequest of approximately £2,000.
1948 **Mr. E. P. Mitchelson**, bequest of £1,000.
1950 **Mrs. Sarah Ann Powley**, bequest of £171.
Sir Cecil Leys bequeathed £1,000.

SPECIMENS AND BOOKS.

1876 Mr. R. C. Barstow: Large collection of Maori articles.
1877 Mr. G. F. Edmonston: 564 volumes of scientific works.
1878 Mr. T. Russell, C.M.G.: 34 casts from the antique.
1878-83 Mr. J. T. MacKelvie: 390 books and ethnology collection.
1887 Mr. C. O. Davis: Valuable Maori collection.
1901 Mr. L. D. Nathan: Japanese Shinto Shrine.
1913 Mr. Henry Shaw and Mr. F. Shaw: 172 scientific books. Hon.
 Sir Edwin Mitchelson: Valuable Kauri Gum collection.
1915 Dr. C. E. R. Bucknill: Collection of Old English Glass.
1916 Mr. Henry Shaw: Collection of Japanese art.
1917 Miss Ruth Northcroft: Large Maori and Polynesian Collection
1919 The Misses Yates: Collection of Indian weapons.
1920 Mr. James Dunning: Collection of North American Mammals.
1921 Mr. W. A. Aldred: Valuable collection of Maori specimens.
Hon. J. B. Turner: Important Fijian ethnographical collection
1923 Mr. T. F. Cheeseman, F.L.S., F.N.Z.Inst.: The Cheeseman Her-
barium of native and foreign plants.
1924 Mr. Wm. Sutherland: Melanesian ethnographical collection.
Mr. A. C. Caughey: Fijian and New Hebridean ethnographical
collection.
Mr. R. A. Meek: Ethnographical specimens from Bismarck
Group. Messrs. Samuel Vaité & Sons: Large collection
of Maori greenstone articles. Sir Cecil Leys and Mrs.
Selwyn Upton: The Edge-Partington ethnographical col-
lection of over 2,000 specimens, given in memory of
their father, Dr. T. W. Leys.
1925 Mr. F. Crossley Mappin: Valuable Maori and South Pacific
exhibits.
1926 Mr. Geo. F. Webster: Valuable Maori antiquities.
Mr. H. R. Butcher: Collection of British coins.
Mrs. E. M. Ball: The Thos. Ball Zoological collection.
Mr. F. Crossley Mappin: Ancient Chinese ceramic specimens.
Mr. Hallyburton Johnstone: Silver cup presented by Queen
Victoria in 1878 to the Royal George Yacht Club.
1927 Mr. F. Crossley Mappin: Valuable Maori carvings.
Mr. Moss Davis: Valuable ethnographical specimens.
1928 Sir Cecil Leys and Mrs. Selwyn Upton: Unique and richly
carved feather box.
Mr. J. R. Adams Wilkes: Ethnographical collections from
Nigeria and New Guinea.
Mr. Harry Kinder: The Dr. Kinder Collection—Maori and
Melanesian.
Mr. E. Earle Vaité: Important collection of Maori stone
carvings and collection of Eastern ethnographical
specimens.
Mrs. S. J. Lushington: Large collection of mollusca.

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- 1929 Mr. T. H. Barstow: Maori canoe prows and stern posts.
 Mr. W. R. McGregor: New Ireland carved memorial figures.
 Mrs. Miss and Mr. A. N. Cooper: The Charles Cooper collection of mollusca.
 Rev. W. H. Webster: Large collection of mollusca.
 Mr. C. E. Clarke: Large collection of N.Z. Insects.
 Executors Mr. W. M. Cole: Stone and Bronze Age Artifacts.
 Miss Webster and Mr. G. F. Webster: Water-colour drawings of the Solomon Islands.
- 1930 Mr. John Kenderdine: Large collection of books and pamphlets, including rare early New Zealand works. Mr. H. E. Vaile: A large collection of Maori implements and greenstone ornaments. Mr. Moss Davis: Selected Maori exhibits; also porcelain and ivory. Mr. L. J. Matthews: Two specimens of Moa eggs. Dr. L. Cockayne: Large collection of N.Z. plants.
- 1931 Sir Cecil Leys and Mrs. Selwyn Upton: Valuable Maori antiquities; additions to the Dr. T. W. Leys collection.
 Mrs. S. J. Lushington: Collection of Silver and Sheffield Plate. Mrs. A. C. Lennard: Collection of English porcelain.
- 1932 Mr. H. S. Dadley: Large and valuable collection of Oriental Arts. Mr. Moss Davis: British Gold and Silver Coins and European Ivories and Bronzes. Hon. Sir James Parr: Gold and Silver Mementoes of public events in New Zealand, and case for their display.
- 1933 Vaile Collection: Additional gift of many valuable Maori antiquities. Mr. W. Goodfellow: Extensive ethnographical collection from Northern Melanesia.
- 1934 Miss Eleanor Brown and Mrs. Geo. Brownlee: Collection of heirlooms of the Ngati-toa and Ngati-awa Tribes.
 Messrs. R. B. & G. Matthews: The H.B. Matthews Herbarium.
- 1935 Mr. F. Crossley Mappin: Maori Specimens, including handsomely carved sternpost.
 The Admiralty: Model of H.M.S. New Zealand.
- 1936 Captain G. Humphreys-Davies: Large and valuable collection of Chinese pottery figures. Mrs. T. G. Russell: 235 volumes of chemical and physical works from the library of her father, the late Professor Brown. Mr. E. Earle Vaile: Valuable Maori hei-tiki and Rapa Island stone artifacts. The Estate of the late H. E. Vaile: Maori and Polynesian ethnographical collection; carvings and ornaments.
- 1937 Mr. E. Earle Vaile: Collection of ethnographical specimens and six Italian bronzes. Sir Algernon Thomas: Library of scientific books and papers.
- 1938 Mr. E. Earle Vaile: Gift of many early New Zealand books and journals. Mr. J. R. le B. Tomlin: Gift of valuable early editions of natural history works. Mr. F. Crossley Mappin: Early Chinese Pottery and Bronzes.

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- 1939 **Mr. E. Earle Vaile:** Maori carvings, large Melanesian collection and gifts to the Library. **Mr. J. R. le B. Tomlin:** Gift of early Worcester china and early works on natural history. **Mr. W. Goodfellow:** Large Melanesian collection.
- 1941 **Mr. H. R. Jenkins:** Historic anchor associated with the ill-fated H.M.S. Bounty. **Mrs. T. G. Russell:** 500 volumes of botanical and biographic works from the library of her father, the late Professor Brown.
Mr. Ormsby Gore Adams: Bequeathed cinema camera, photographic equipment and nature films.
- 1942 **Mrs. A. A. Richardson:** The late Mr. J. D. Richardson's extensive collection of early Auckland photographs and lantern slides.
Col. the Hon. F. Waite, D.S.O., M.L.C.: Large collection of Egyptian pre-dynastic artifacts, flints, slate palettes, and pottery 7500-4300 B.C.; also pottery lamps of Egyptian, Roman, Greek and Arabic manufacture.
- 1943 **Captain G. A. Humphreys-Davies:** His extensive and valuable collection of Chinese arts. **Mr. E. Earle Vaile:** Large collection of books and pamphlets on exploration and early life in the South Pacific. **Mrs. W. H. Hemingway:** The late Mr. Hemingway's display and cabinet collections of insects. **Lt. Col. the Hon. F. Waite, D.S.O., M.L.C.:** Further collections from Egyptian Pre-dynastic, Dynastic and Ptolemaic periods.
- 1944 **Mrs. B. Quigley and Miss E. Kenderdine:** Large number of books on early New Zealand history. **Mr. E. Earle Vaile:** Collection of works on South Pacific exploration and New Zealand history. **Captain G. A. Humphreys-Davies:** Ancient Chinese bronze sculpture. **Mr. J. C. Entrican:** Large collection of Eastern Polynesian stone implements.
- 1945 **Mr. W. G. White:** A valuable very representative collection of Worcester and Chelsea China. **Mr. E. Earle Vaile:** Important Maori Ethnographical Collections, and books on South Pacific Exploration and New Zealand History.
- 1947 **Lady Leys Fund, Sir James Gunson Fund, and E. Earle Vaile Fund:** Collection of 60 greenstone hei tiki and greenstone adzes purchased in England.
Mr. Jas. C. Entrican: Gave his extensive collection of medals and coins and library of books on Numismatics.
Mr. Geo. Finn: Presented a collection of books and newspaper records, reports and illustrations collected over a number of years.
Lieutenant A. G. Carnahan, R.N.R.: Presented Viscount Jellicoe's racing 14-footer "Iron Duke."
- 1948 **Sir Frank Mappin:** 16mm Cine-sound projector.
- 1950 **Mrs. J. P. Campbell:** Eighteenth century inlaid sideboard.
Mr. Wm. Goodfellow: Delft vase and other early ceramics.
Mr. V. J. Larner: Early china and delft vase.

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ACCESSIONS, 1950-51.

- Mr. H. C. Abraham: Insect specimens from Cable Bay.
Lieut. J. A. L. M. Allan, R.N.: Collection of birds' eggs from Britain and Falkland Islands.
American Museum of Natural History: Five specimens of South Pacific birds.
Master I. Andrews: Red-billed gull, Auckland.
Miss Armour: Sheet of tapa; Tonga.
Mr. L. J. Ayre: Old silver watch.
Mrs. Ayre: Modelled Parian-ware head of Christ.
Mr. P. H. Ayson: Iron Key from Norfolk Island, Egyptian Ushabti figure.
Mr. I. H. Badger: Fragment of meteoric iron; Alice Springs, Australia.
Mr. A. R. Barfoot: Pottery vase with cover; Tokyo.
Mr. R. Barnes: Young kiwi.
Miss D. Barnett: Exceptionally large (Fijian) tapa.
Miss A. H. G. Basten: Four wooden paddle-shaped clubs; Solomon Islands.
Miss C. Bayley: Two pottery vessels.
Miss D. Bennett: Greenstone Koropepe.
Mr. H. Binsted: Model canoe; Pukapuka Island.
Mr. B. S. Bird: Permian and Mesozoic fossils; Waipahi, Otago.
Mr. T. R. Birdsall: Morepork from Whatawhata.
Mr. H. R. Bisley: Three pistols.
Mr. F. Bloomfield: The second known specimen of *Toma maoria* Powell, from Tokerau, Doubtless Bay.
Mr. J. R. Boscowen: Pheasant.
Mrs. F. A. Brett: Kahawai hooks and turtle-shell hook.
Mr. F. Brook: Stone adzes and heavy ironstone grooved sinker; Awhitu.
Mr. A. E. Brookes: Moa bones from caves at Takaka, Nelson, and Kauri tissue "proliferation."
Mrs. J. M. Bullock: Bone mere and example of English macrame work.
Rev. C. J. Bush-King, C.F.: Vestments and communion plate used by the donor on Gallipoli.
Mr. Byers: Banded rail from Lake Pupuke, Auckland.
Mr. J. Cardno: Collection of algae and ferns from Opononi.
Dr. R. Catala: Series of land snails, *Placostylus*, from New Caledonia.
Mr. H. L. Chenery: Sea snake (*Hydrus platurus*) from Matihetihe, Hokanga.
Mr. W. Clare: Cook's petrel from St. Mary's Bay, Auckland.
Miss Codlin: Stone adze from Waiuku.
Mr. A. H. Court: Japanese brass incense-burner and wooden lunch box; Dutch porcelain pipe.
Mr. J. Kenneth Cousins: Embroidered silk robe-length, from China.

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- Mr. N. Crossley: Collection of badges, coins, and war souvenirs.
Mrs. L. I. Cupit: German "Lusitania" medal.
Miss U. V. Dellow: Type material of new species of seaweeds.
Mrs. R. V. Dench: Diving petrel from Paterangi, Ohaupo.
Mr. C. W. Devonshire: Stone adze from Parua Bay.
Miss Duigan: Three specimens of *Janthina globosa* from Mercury Island.
Mr. R. Duncan: Perforated stone sinker from Pahoia Beach, Tauranga.
Miss Durie: Three stone adzes, Auckland Province.
Mr. G. Eason: Niue Island model canoe.
Sir Albert Ellis, C.M.G.: Exceptionally fine Tridacna-shell gouge from Ocean Island.
Miss A. L. Ellis: Chinese dress, scent bottles.
Mr. H. G. Evetts: Large wooden club from Fiji.
Mr. F. G. Fairfield: Collection of Maori ethnographical specimens and plans of Maori War.
Mr. A. I. Farmer: Kumara weeder from Dargaville.
Mr. A. Farnell: Fissured pyritous grey sandstone from Hinemoa House, Parakai.
Miss A. M. Field: Paisley shawl.
Professor Raymond Firth: Model outrigger canoe from Tikopia.
Mr. J. G. Fitzgerald: Greenstone hei tiki and greenstone pendant from North Auckland.
Mr. M. E. Fitzgerald: Budgerigars and Parrakeets in different stages of plumage.
Mr. L. A. Garay: 25 specimens of European plants from Europe.
Mr. F. W. Gibbons: Maori specimens, including fish hooks, stone adzes and grooved sinkers from Whatipu.
Brother Eric Gnokro: Carved wooden post from Swallow Island, Reef Island.
Mr. H. Goldie: Collection of bronze coins.
Mr. William Goodfellow: Large delft vase and two Chelsea plates.
Mr. G. V. Gow: Wrybill from Walton, Rotorua line.
Mr. W. G. Gribble: Hand wrought iron nails and samples of oak timber from Westminster Hall.
Mr. T. Hall: Mounted specimens of spotless crake and marsh crake.
The late Mr. Joseph Hare: Greenstone mere from Whangaroa.
Mr. E. D. Hatch: Botanical specimens, including types of new species.
Hawke's Bay Art Gallery and Museum, Napier: Float (Poito) for *kokopu* trap from Lake Taupo.
Mr. Kenneth L. Henson: Collection of Hawaiian ethnographical articles.
Mrs. H. R. Hesketh: Kingfisher from Auckland.
Mr. H. G. Hirst: Brick and pieces of pottery from Walbrook Excavation, London (1949).

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- Mr. R. Hoffmann: French mahogany cabinet.
- Mr. O. L. Hooker: Pebbles from conglomerate from coast north of Tapiri-moko Point, south of Marakopa.
- Mr. A. H. Hooper: Black-browed mollymawk, gannet, and prions from Muriwai Beach.
- Miss E. Hunter: Analcite in vesicles of basalt; near Mahurangi.
- Mrs. P. Hynes: Collection of plants from Great Barrier Is. and South Is.
- Mr. W. B. Irving: Wooden cultivating implement from Ohinemawai.
- Internal Affairs Department, Wellington: Polynesian and Melanesian specimens (Oldman Collection).
- Master Toby Jack: 3-in. Howitzer shell case.
- Miss B. M. James: Ivory-handled steel.
- Mr. W. Jamieson: Unusually long pigeon-snaring trough.
- Major M. E. Johnson: Hammer stone from Northland; Basaltic lava and chert from West Island, Three Kings Group; and Copper ore from east end, Tom Bowling Bay, North Cape.
- Mrs. W. Grant Johnson: Huia feathers worn by chief Te Hura te Tai and Horomana.
- Major J. Kempthorne: Large copper nail from Manawaora Bay, Russell.
- Mr. M. B. King: Blue penguin from Auckland.
- Mr. A. Knight: Hand-made nails and single example of modern type.
- Dr. O. Fyffe Lamb: Five stone implements from Hokkaido Island, Japan.
- Mr. V. J. Larner, M.B.E.: Large Delft vase.
- Miss Laing: Two shawls, Paisley and Chinese.
- Mr. C. E. L. Lawn: Stone adze from Ruakituri Stream, Hawke's Bay.
- Mr. C. Leith: Shell trumpet and Maori articles from Rangiputa.
- Dr. J. B. Liggins: Unusual wooden specimen, part of a wooden dredge, and Oceanic specimens.
- Mrs. F. Mabbs: Civil gas mask issued 2nd World War, from England.
- Miss H. Macdonald: Mesozoic fossils from Ponganui Road, Raglan County.
- Sir Frank Mappin: Carved ivory-handled carving set.
- Mr. A. P. Mason: Extensive collections of Mesozoic fossils, geological specimens, and stone adze.
- Mr. Lionel D. Medland: Wooden cultivating implement, with step carved out of the solid, from Tryphena, Great Barrier.
- Miss Lois B. Medland: Two wooden cultivating implements from Tryphena, Great Barrier.
- Mr. T. W. Mellor: 100 sheets dried plants from Nelson Province.
- Mr. F. G. Milner: Kiwi from Ruatangata, Whangarei.
- Mr. N. B. Michell: Javanese short sword with carved hilt.
- Mr. C. A. Moore: Maori artifacts and remains from an excavation at Bowentown; small grey stone adze found at Athenree.
- Mr. J. Moriarty: An early form of phonograph, "Edison Gem."

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- Mrs. Morris: Royal gift sweet boxes, King Edward VII Coronation; and King George V Christmas gift.
- Mr. J. Morton: Holotype and original drawings from Milford Reef, Auckland.
- Mr. E. J. Munro: Collection of stone adzes and several paddles and sling-stones from Cook Islands.
- Miss M. R. McCormick: Maori implements from New Zealand.
- Mr. R. Macdonald: New Zealand rock specimens.
- Mr. A. H. McNeil: Two wooden one-piece fish hooks from Oruarangi, Matatoki.
- National Herbarium: 54 sheets dried plants.
- North Auckland Times: Hedge Sparrow.
- Otago Museum: 16 shell "teeth" from Otago.
- Mr. Charles Fitzroy Overton: Maori carved feather box and African carved figure.
- Mr. C. H. Parkin: Storm destroyed birds from Hauraki Gulf.
- Mr. L. G. Penfold: Photographs of the "Moeraki boulders" from Moeraki, near Dunedin.
- Mr. C. Perry: Albino sparrow from Kingsland.
- Mr. H. J. Pinn: Crete News, Nos. 1 and 3.
- Master H. K. Potter: Black-browed mollymawk from Buckland, Franklin.
- Mr. A. W. B. Powell: Album of 1939-45 War Air photographs; and two bone needles from Slipper Island.
- Mr. A. T. Pycroft: Fijian tooth club; German belt buckle.
- Mr. Pyne: Double-headed Fijian club.
- Miss H. Randle: Fairy prion from Mechanics Bay, Auckland.
- Raffles Museum: Casts of Malayan neolithic implements.
- Mr. Wm. E. Rawson: Engraving of picture of meeting of Corn Laws League.
- Master D. Reilly: Kingfisher from Howick.
- Mr. S. S. Rhodes: Maori stone adzes.
- Mr. E. S. Richardson: Fossils and minerals from Doubtless Bay.
- Mr. A. Ringer: Introduced birds from Auckland.
- Mrs. J. H. Rose: Two stone adzes from Tarakina, near Rotorua.
- Mrs. A. Ross: Cast iron container probably used for holding cannon balls.
- Mrs. Rudling: Japanese parachutist's flag taken in Burma, 1943.
- Mr. W. J. Rutherford: Two-piece fish hook; engraved clam shell ornament and pearl shell ornament from Marshall Is. and Solomon Is.
- Miss D. Savage: Mesozoic fossils from Pongauui Road, Raglan County.
- Miss M. Shipherd: Copeland Garrett white jug.
- Mr. W. H. Simmons: Moulded iron mirror frame.
- Mrs. E. Maberley Smith: Three Bronze Age adzes.
- Mr. J. G. Smith: Trawled mollusca from 50-70 fathoms, Eastern Otago.
- Mr. William S. Smith: Baby's anti-gas respirator from London, 1940-1945.

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Southland Museum: Stone adzes and drill points from Southland, N.Z.
Mrs. A. G. W. Sparrow: 2 stone adzes from North Island.
Miss A. L. G. Spencer: Two stones carved with Buddhist prayers, Tibet.
Mr. P. Stace: Diving petrel from Export wharf, Auckland.
Mr. W. T. Stanton: Two Kaffir ivory snuff spoons from Natal.
Mr. P. A. S. Stein: Brown geckos from Horuhoru Island, Hauraki Gulf.
Miss Stennett: Japanese, Chinese and Korean ornaments.
Mr. J. Stewart: Air instruction maps; Maori flax kit.
Prof. H. St. John: Five species of dried plants from Waipoua and Rotorua.
Mr. D. N. Strang: Shining cuckoo from Auckland.
Mr. W. and Dr. D. Stride: Cabinet of English china and small presentation cabinet of tea cups and saucers given to a lady-in-waiting by Queen Victoria.
Mrs. J. Tasker: Modern gloves made by Indians in Alberta, Canada.
Tea Bureau, Auckland: Samples of tea, maps and illustrations.
Mr. George Thomas: Stone adze from Kingsland, Auckland.
Mr. N. F. Tollerton: Morepork from Titirangi.
Mrs. O. M. Turbott: Red-billed gull from Domain, Auckland.
University of Otago: Seven sheets dried plants from Hawaii.
Mr. T. Vaughan: Stone adzes from Long Bay; fossil teredo tubes.
Edward Earle Vaile Fund: Five sets of Pitcairn Island adzes; Canterbury Centennial Medal; Old carved wooden comb (Maori).
Mr. S. Voss: Several lots of trawled mollusca from Bay of Plenty.
Mr. H. L. Wakelin: Black-backed gull from Auckland.
Dr. E. H. Walker: 300 sheets of dried plants from New Zealand.
Mrs. K. Wood: 54 species of dried plants from Hollyford Valley and Owairaka.
Mr. F. B. Woodhead: Handle of a cultivating implement from Whenuakite.
Mr. W. L. Wyber: Taiaha, carved by Rewi Maniapoto when refusing to surrender at Orakau.
Zoological Park, Auckland: Monitor lizard.

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Whitney, Sir Cecil.
Wilcock, E.
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Winstone, G.
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B.Sc.
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LL.B.
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Macky, T. H.
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Ph.D.
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Michie, R.
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Morton, J. E., M.Sc.
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Nathan, L.
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D.S.O.
Neil, R. H.
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Newhook, F. J., M.Sc., Ph.D.
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O'Connor, J. P.
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O'Neill, Lieut-Comd. J. F. A.,
D.S.C., R.N.Z.N.
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B.Sc., R.N.Z.N.
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Taylor, D. E. M.
Taylor, G. L.
Taylor, L. H.
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Thomas, H. C., M.M., B.Com.,
F.F.I.A., F.C.I.S.
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Wilson, J. A.
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D.Sc.
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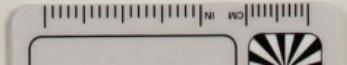
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I give and bequeath to the Institute known as the Auckland Institute and Museum the sum of £..... free of succession or estate duty to be applicable for the general purposes of such Institution. And I declare that the receipt of the Treasurer or the proper officer for the time being of such Institution shall be a sufficient discharge for the same.

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